



Get Started

Northcentral Technical College Associate's in Medical Laboratory Technician to University of Cincinnati Bachelor of Science in Medical Laboratory Science

NCTC Semester 1

Basic Lab Skills	1 hour
Phlebotomy	2 hours
QA Lab Math	1 hours
Urinalysis	2 hours
Gen Anatomy & Physiology	4 hours
Intro to Biochemistry	4 hours

NCTC Semester 2

Blood Bank	4 hours
Basic Immunology Concepts	2 hours
Basic Hematology	3 hours
Coagulation	1 hour
Microbiology	4 hours
Written Com/English Comp	3 hours

NCTC Semester 3

Intro to Sociology	3 hours
Intro to Psychology	3 hours

NCTC Semester 4

Clinical Chemistry	4 hours
Advanced Hematology	2 hours
Clinical Microbiology	4 hours
Advanced Microbiology	2 hours
Speech	3 hours

NCTC Semester 5

Clinical Experience 1	3 hours
Clinical Experience 2	4 hours
Clinical Experience 3	2 hours
MLT Seminar	1 hour
Intro to Molecular Diagnostics	2 hours

UC Semester 1

Clinical Fluids Analysis	2 hours
Clinical Immunology	3 hours
Special Topics in Medical Lab Science	2 hours

UC Semester 2-5 (Rotating Didactic)

Special Microbiology	3 hours
Clinical Microbiology	3 hours
Advanced Microbiology	3 hours

UC Semester 2-5 (Rotating Didactic)

Principles of Immunohematology	3 hours
Advanced Immunohematology	4 hours
Statistics	2 hours

UC Semester 2-5 (Rotating Didactic)

Clinical Chemistry	3 hours
Advanced Clinical Chemistry	3 hours
Diagnostic Molecular Biology	3 hours

UC Semester 2-5 (Rotating Didactic)

Hematology	3 hours
Advanced Hematology	4 hours
Hemostasis	1 hour

The following suggested course sequence includes all course requirements for this program's Transfer Degree Map (articulation agreement). You should consult with an academic advisor each semester to ensure you maintain appropriate degree progress and are fulfilling all requirements.



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UC Semester 6

Advanced Clinical Practice	<i>6 hours</i>
Advanced Laboratory Concepts	<i>2 hours</i>
Laboratory Operations	<i>2 hours</i>

UC Semester 7

MLS Laboratory Capstone	<i>2 hours</i>
Advanced Clinical Correlations	<i>6 hours</i>